

Title (en)

BASE STATION, MOBILE STATION, AND COMMON INFORMATION COMMUNICATION METHOD

Title (de)

BASISSTATION, MOBILE STATION UND GEMEINSAMES INFORMATIONSÜBERTRAGUNGSVERFAHREN

Title (fr)

STATION DE BASE, STATION MOBILE ET PROCÉDÉ DE COMMUNICATION D INFORMATIONS COMMUNES

Publication

EP 2273837 A1 20110112 (EN)

Application

EP 09738739 A 20090422

Priority

- JP 2009058025 W 20090422
- JP 2008117878 A 20080428

Abstract (en)

A base station for transmitting both common information which is used in common by plural mobile stations and control information indicating that the common information is changed includes a common information generating unit configured to generate the control information and the common information; a lower-layer control information generating unit configured to generate first lower-layer control information indicating a radio resource where the control information is to be placed and second lower-layer control information indicating a radio resource where the common information is to be placed; a multiplexing unit configured to multiplex the first lower-layer control information and the control information into a plurality of frequency blocks included within a system bandwidth and multiplex the second lower-layer control information and the common information into one or more frequency blocks among the plurality of frequency blocks included within the system bandwidth, the system bandwidth being divided into the plurality of frequency blocks each corresponding to a minimum value of maximum transmission and reception bandwidths used by the plural mobile stations; and a transmitting unit configured to transmit the multiplexed first lower-layer control information, control information, second lower-layer control information, and common information.

IPC 8 full level

H04W 72/04 (2009.01); **H04B 1/69** (2011.01); **H04J 11/00** (2006.01); **H04W 16/14** (2009.01); **H04W 72/14** (2009.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2009133802A1

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2273837 A1 20110112; CN 102077654 A 20110525; CN 102077654 B 20131030; JP 2009267989 A 20091112; JP 5068691 B2 20121107; KR 20110008258 A 20110126; US 2011110320 A1 20110512; US 8472385 B2 20130625; WO 2009133802 A1 20091105

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